

WEST Search History

DATE: Friday, June 20, 2003

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ</i>			
L6	L4 and Mp307	0	L6
L5	L4 and line Mp307	0	L5
L4	peroxidase and maize and ((800/279)!.CCLS.)	96	L4
L3	peroxidase near2 maize and ((800/279)!.CCLS.)	2	L3
L2	peroxidase near5 maize and ((800/279)!.CCLS.)	2	L2
L1	peroxidase near4 maize and ((800/279)!.CCLS.)	2	L1

END OF SEARCH HISTORY

10/047,825

REICHERT, Nancy, A.
PA MISSISSIPPI STATE UNIVERSITY
DT Patent
PI WO 2001038485 A2 20010531
DS W: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE
DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG
KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU
ZA ZW GH GM KE LS MW MZ SD SL SZ TZ UG ZW AM AZ BY KG KZ MD
RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT
SE TR BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG
AI WO 2000-US30159 A 20001124
PRAI US 1999-60/167,229 19991124

=> d his

(FILE 'HOME' ENTERED AT 16:19:43 ON 20 JUN 2003)

FILE 'CAPLUS, BIOSIS, MEDLINE, EUROPATFULL, AGRICOLA, CAOLD, CASREACT,
CROPU, DGENE, DPCI, ENCOMPAT2, FSTA, IFIPAT, INPADOC, JAPIO, NTIS,
PAPERCHEM2, PATDD, PATDPA, PATDPAFULL, PATOSDE, PATOSEP, PATOSWO,
PCTFULL, PCTGEN, PIRA, RAPRA, RDISCLOSURE, SYNTHLINE, ..' ENTERED AT
16:23:11 ON 20 JUN 2003

L1 0 S PEROXIDASE AND BUFFEL (W) GRASS AND TRANSFORMATION
L2 184 S PEROXIDASE AND MAIZE AND (DEFENSE OR DEFENCE) (3A) RESPONSE A
L3 180 S L2 AND (GENE OR DNA OR NUCLEOTIDE OR NUCLEIC) AND (PROTEIN O
L4 176 DUP REM L3 (4 DUPLICATES REMOVED)
L5 90 S L4 NOT PY> 2001
L6 71 S L5 AND (TRANSFORM? OR TRANSGENIC) (2A) CELL
L7 0 S L6 AND PEROXIDASE (2A) (MAIZE OR CORN)
L8 1 S L6 AND PEROXIDASE (3A) (MAIZE OR CORN)

FILE 'TULSA2' ENTERED AT 16:23:11 ON 20 JUN 2003
COPYRIGHT (C) 2003 The University of Tulsa (UTULSA)

FILE 'USPATFULL' ENTERED AT 16:23:11 ON 20 JUN 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 16:23:11 ON 20 JUN 2003
CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'WPIDS' ENTERED AT 16:23:11 ON 20 JUN 2003
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

FILE 'IPA' ENTERED AT 16:23:11 ON 20 JUN 2003
COPYRIGHT (C) 2003 American Society of Hospital Pharmacists (ASHP)

=> s peroxidase and buffel (w) grass and transformation
15 FILES SEARCHED...

L1 0 PEROXIDASE AND BUFFEL (W) GRASS AND TRANSFORMATION

=> s peroxidase and maize and (defense or defence) (3a) response and (resistan? or toleran?)

10 FILES SEARCHED...

21 FILES SEARCHED...

32 FILES SEARCHED...

L2 184 PEROXIDASE AND MAIZE AND (DEFENSE OR DEFENCE) (3A) RESPONSE AND
(RESISTAN? OR TOLERAN?)

=> s l2 and (gene or DNA or nucleotide or nucleic) and (protein or polypeptide)

4 FILES SEARCHED...

9 FILES SEARCHED...

22 FILES SEARCHED...

25 FILES SEARCHED...

34 FILES SEARCHED...

L3 180 L2 AND (GENE OR DNA OR NUCLEOTIDE OR NUCLEIC) AND (PROTEIN OR
POLYPEPTIDE)

=> dup rem l3

DUPLICATE IS NOT AVAILABLE IN 'CAOLD, DGENE, DPCI, PCTGEN, RDISCLOSURE,
SYNTHLINE'.

ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L3

L4 176 DUP REM L3 (4 DUPLICATES REMOVED)

=> s l4 not PY> 2001

9 FILES SEARCHED...

19 FILES SEARCHED...

24 FILES SEARCHED...

34 FILES SEARCHED...

L5 90 L4 NOT PY> 2001

=> s l5 and (transform? or transgenic) (2a) cell

9 FILES SEARCHED...

23 FILES SEARCHED...

34 FILES SEARCHED...

L6 71 L5 AND (TRANSFORM? OR TRANSGENIC) (2A) CELL

=> d l6 1-71 ab

L6 ANSWER 1 OF 71 EUROPATFULL COPYRIGHT 2003 WILA

ABEN The present invention provides DNA molecules that constitute fragments
of the genome of a plant, and polypeptides encoded thereby. The DNA
molecules are useful for specifying a gene product in cells, either as a

products that are labile, volatile, toxic, hazardous, etc.

L6 ANSWER 69 OF 71 USPATFULL

AB Purified **DNA** encoding crucifer AFT **proteins** and chimeric transcriptional activator **proteins** from such **DNA** are disclosed. Such **proteins** are also involved in plant defense mechanisms by interacting with **proteins** involved in protecting plants from pathogens. The recombinant **polypeptides** and fragments are useful in methods of modulating plant **gene** expression.

L6 ANSWER 70 OF 71 USPATFULL

AB The present invention provides **nucleic** sequences from **genes** which are preferentially expressed in feeding site cells. These sequences can be used to produce transgenic plants **resistant** to nematode infection.

L6 ANSWER 71 OF 71 USPATFULL

AB The synthesis of lignin by plants is controlled by transformation of the plant genome with a recombinant **gene** construct which contains the **gene** specifying an enzyme critical to the synthesis of a lignin precursor, which **gene** may be in antisense orientation so that it is transcribed to mRNA having a sequence complementary to the equivalent mRNA transcribed from the endogenous **gene** thus leading to suppression of lignin synthesis. If the recombinant **gene** has the lignin enzyme **gene** in normal, or "sense" orientation, increased production of the enzyme may occur when the insert is the full length **DNA** but suppression may occur if only a partial sequence is employed.

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L4 176 DUP REM L3 (4 DUPLICATES REMOVED)
L5 90 S L4 NOT PY> 2001
L6 71 S L5 AND (TRANSFORM? OR TRANSGENIC) (2A) CELL

=> s l6 and peroxidase (2a) (maize or corn)

20 FILES SEARCHED...

L7 0 L6 AND PEROXIDASE (2A) (MAIZE OR CORN)

=> s l6 and peroxidase (3a) (maize or corn)

24 FILES SEARCHED...

L8 1 L6 AND PEROXIDASE (3A) (MAIZE OR CORN)

=> d l8 1

L8 ANSWER 1 OF 1 PCTFULL COPYRIGHT 2003 Univention

AN 2001038485 PCTFULL ED 20020820

TIEN NEMATODE-UPREGULATED **PEROXIDASE GENE** AND PROMOTER
FROM NEMATODE-**RESISTANT MAIZE** LINE Mp307

TIFR **GENE** DE PEROXYDASE A REGULATION DES NEMATODES ET PROMOTEUR
TIRE D'UNE LIGNEE DE MAIS Mp307 **RESISTANT** AUX NEMATODES

IN PADEGIMAS, Linas, S.;